

College of Aeronautics  
LaGuardia Airport

The goal area is supporting high quality research to better understand student learning. To achieve a better understanding of student learning, the narratives by the students describing their role as "Teachers" at the elementary school and "Students" at the college, as well as, the investigator's (professor) observations provide new data about student learning in general and mathematics in particular. The college students, it should be mentioned, are freshman students who have difficulties in mathematics as indicated by standardized tests.

The objectives of the mentoring programs are to:

1. Enhance student's interest in Mathematics
2. Increase retention in the College's Math Program
3. Promote dialogue as a process toward understanding and improve the quality of teaching in the classroom.
4. Reduce math anxiety in college and elementary school students.

The purpose of the program is to increase students' interest in mathematics and enhance their math skills. Student performance in mathematics both at the college and the elementary schools has improved.

We intend to continue the mentoring program at the two elementary schools. The program has been in effect for seven years at both schools.